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**Leah Wrenn Berman\*** ([lberman@ursinus.edu](mailto:lberman@ursinus.edu)), Department of Mathematics & Computer Science, Ursinus College, P.O. Box 1000, Collegeville, PA 19426. *Highly Incident Configurations*. Preliminary report.

A  $k$ -configuration is a collection of points and straight lines in the plane where every point lies on  $k$  lines and every line passes through  $k$  points. There has been considerable work in the last few years on finding and classifying 3- and 4-configurations, but little is known about  $k$ -configurations for  $k > 4$ . This talk will discuss recently discovered classes of highly symmetric 5- and 6-configurations. (Received February 23, 2009)